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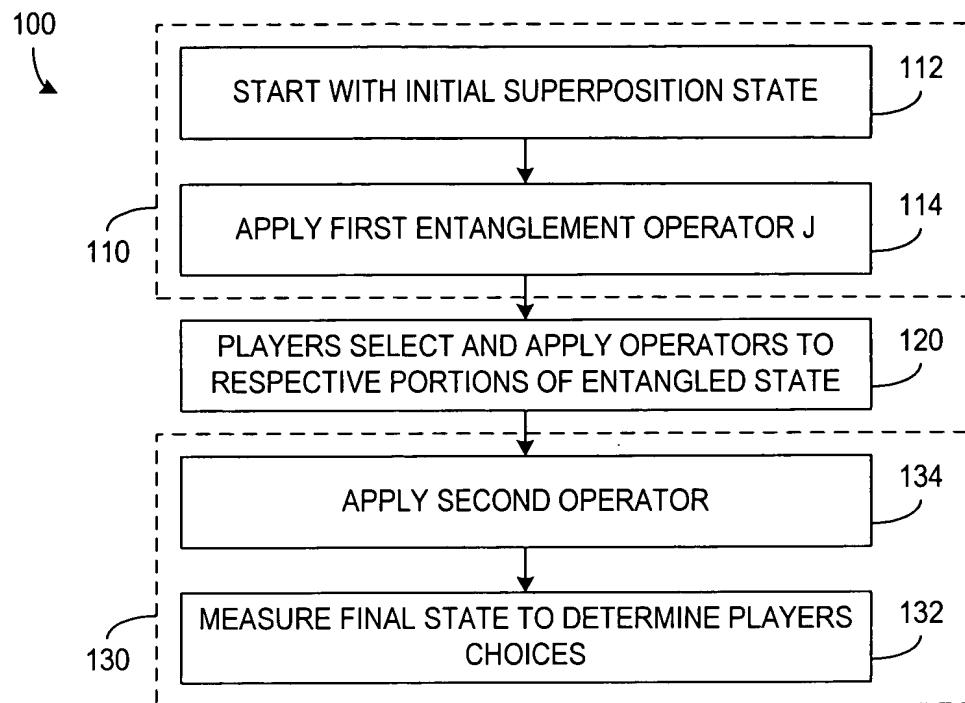


FIG. 1

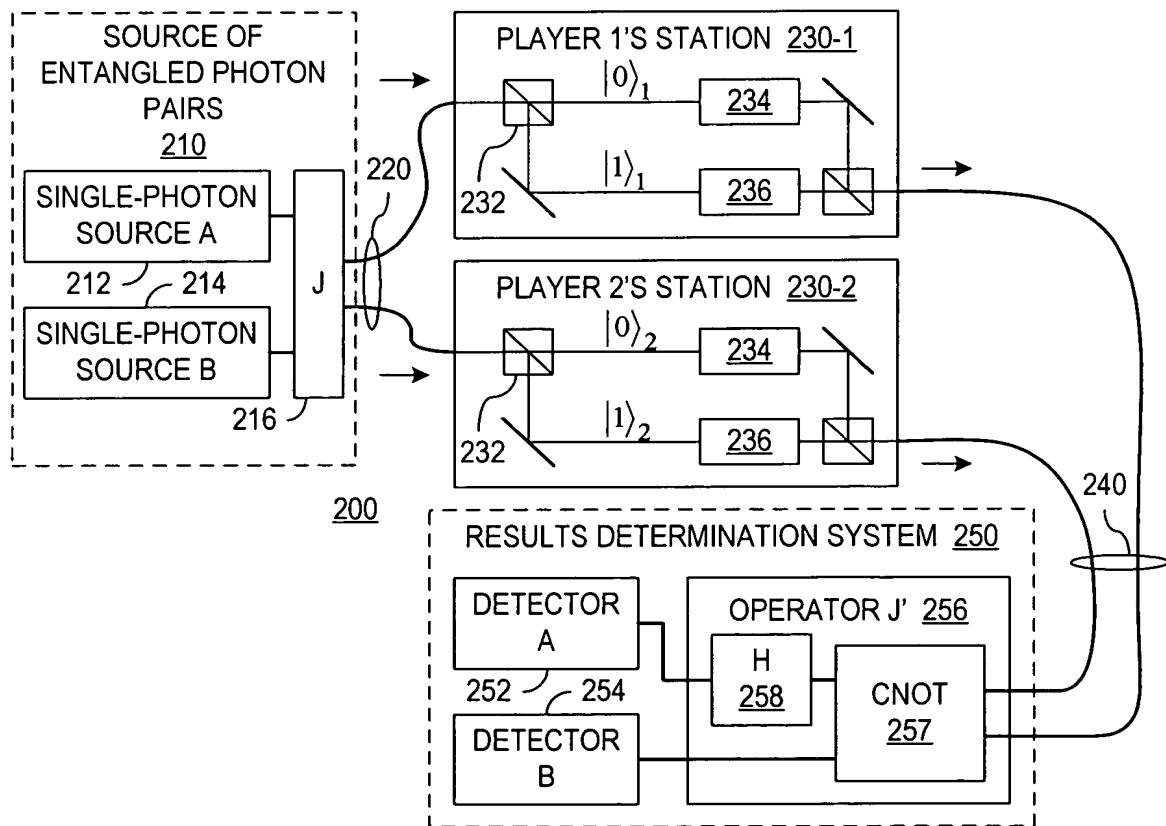


FIG. 2

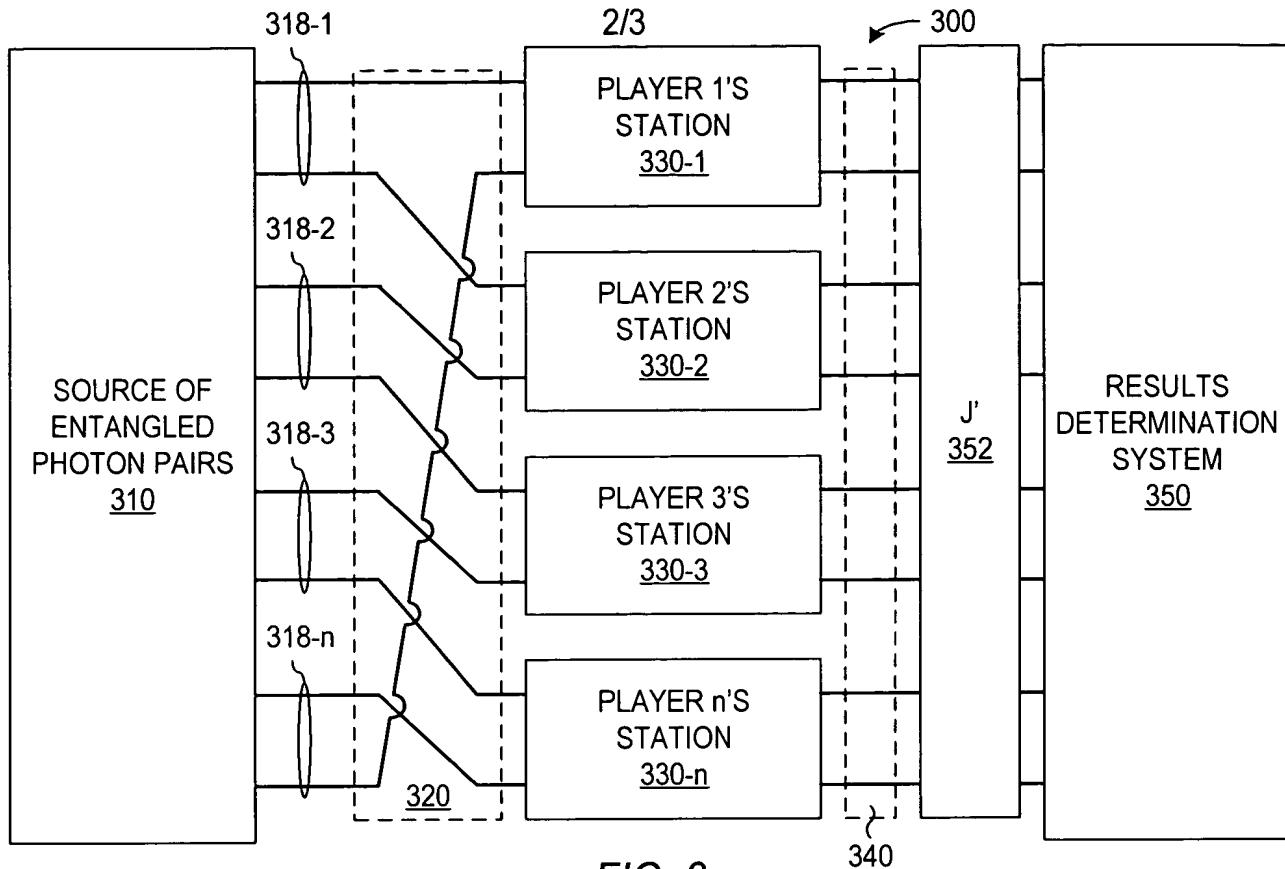


FIG. 3

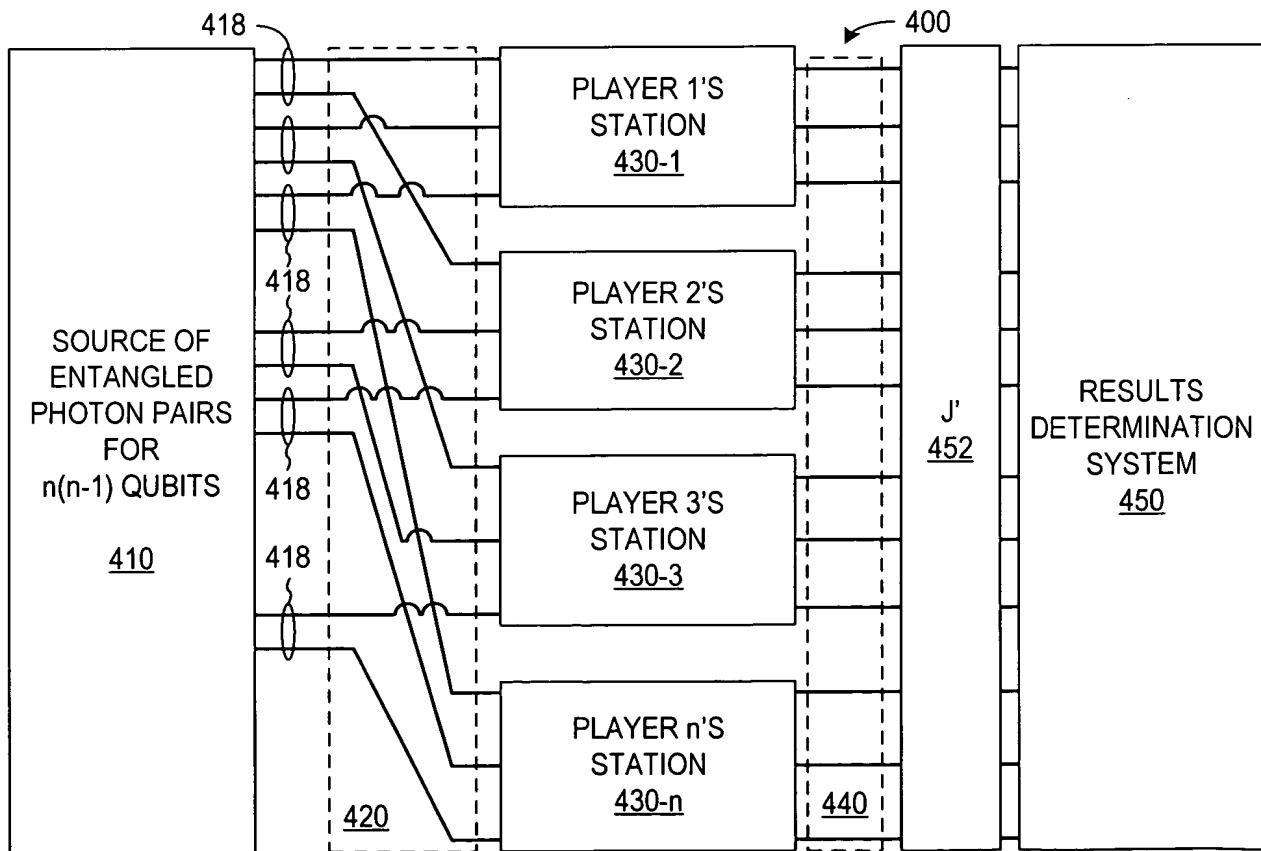


FIG. 4

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500

CONSTRUCT INITIAL STATE VECTOR FROM N 4-COMPONENT
ENTANGLED STATE VECTORS

510

PLAYERS SELECT UNITARY LINEAR OPERATORS THAT CAN BE
FACTORED INTO SINGLE QUBIT OPERATORS

520

APPLY SINGLE-QUBIT OPERATORS TO THE APPROPRIATE
4-COMPONENT ENTANGLED STATE VECTORS

530

EVALUATE RESULTING FINAL STATE VECTOR

540

FIG. 5